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47390 7590 08/16/2005

THOMAS, KAYDEN, HOSTEMEYER & RISLEY LLP
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11/16/2005 CNGUYEN1 00000014 10780790

01 FC:1501 1400.00 OP
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Hui Chin Barnhill (Depositor's name)
H. Ch. Barnhill (Signature)
November 15, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/780,790	02/18/2004	Dun-Nian Yang	252011-1940	2729

TITLE OF INVENTION: IMAGE SENSOR WITH VERTICALLY INTEGRATED THIN-FILM PHOTODIODE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	11/16/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, MAI HUONG C	2818	257-213000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Thomas, Kayden,
Horstemeyer & Risle
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

TAIWAN SEMICONDUCTOR
MANUFACTURING CO., LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

HSINCHU, TAIWAN, R.O.C.

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
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Authorized Signature

Daniel R. McClure

Date

Nov 15 2005

Typed or printed name

Daniel R. McClure

Registration No.

38,962

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